(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or collidine.

37. (Amended) The method for stabilizing glucose dehydrogenase for use in glucose sensors in accordance with any of claim 22 to 36, wherein said reaction layer further contains maleic acid, a maleate, succinic acid, a succinate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or collidine.

38. (Twice Amended) A glucose dehydrogenase composition for use in glucose sensors, said composition containing glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone, and at lease one additive selected from the group consisting of phthalic acid, a phthalate, maleic, acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, (N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or collidine.

54. (Amended) The glucose dehydrogenase composition for use in glucose sensors in accordance with any of claims 39 to 53, wherein said reaction layer further contains maleic acid, a maleate, succinic acid, a succinate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or collidine.

55. (Amended) A glucose sensor comprising an electrically insulating base plate, an electrode system including at least a working electrode and a counter electrode formed on said base plate, and a reaction layer which is formed in contact with or in the vicinity of said electrode system wherein said reaction layer contains: at least one stabilizer selected from the group consisting of a metal salt, an organic acid, a protein, and a sugar and a derivative thereof; a glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone; and a buffer selected from the group consisting of maleic acid, a maleate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or collidine.

64. (Twice Amended) A method for stabilizing glucose dehydrogenase for use in glucose sensors, wherein a stabilizer and a buffer are added to glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone,

said stabilizer being selected from the group consisting of a metal salt, an organic acid, a protein, and a sugar and a derivative thereof, and said buffer being selected from the group consisting of maleic acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate, tris(hydroxymethyl)glycine, a tris(hydroxymethyl)glycine salt, tris(hydroxymethyl)aminomethane, a tris(hydroxymethyl)aminomethane salt, imidazole or collidine.

73. (Twice Amended) A glucose dehydrogenase composition for use in glucose sensors, said composition containing: at least one stabilizer selected from the group consisting of a metal salt, an organic acid, a protein, and a sugar and a derivative thereof; a glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone; and a buffer selected from the group consisting of maleic acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-(N-morpholino)ethane sulfonate,